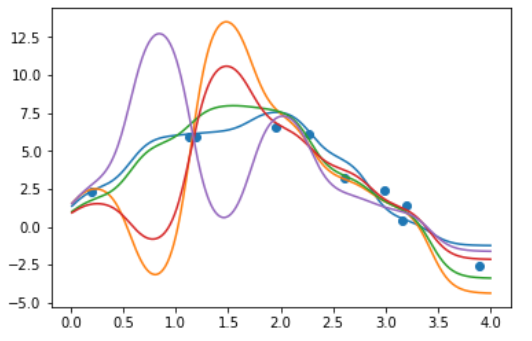
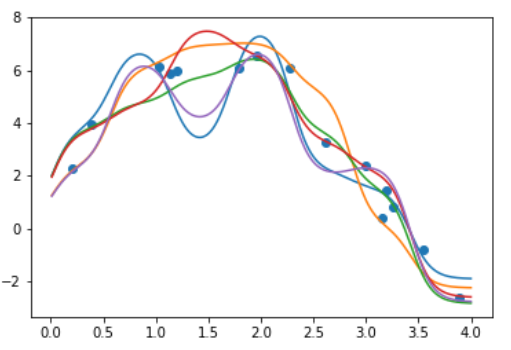
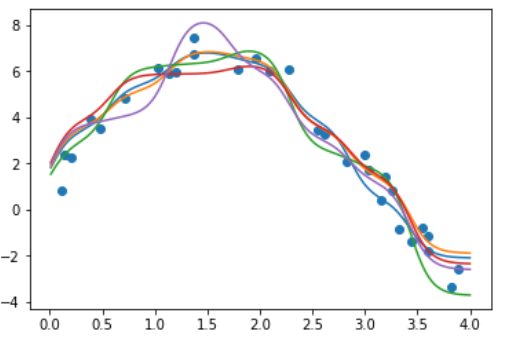
* 1. N=10 parameter posterior distribution



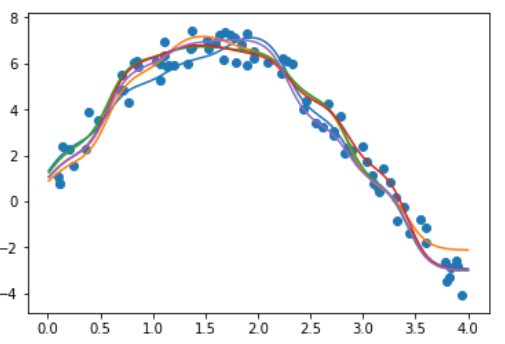
* 1. N=15 parameter posterior distribution



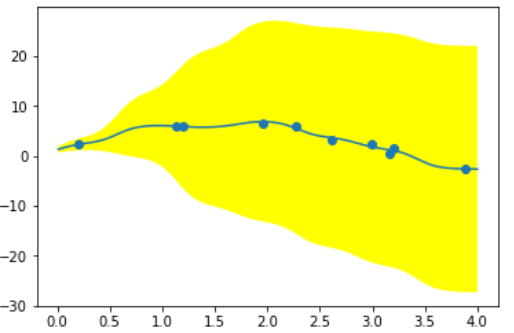
* 1. N=30 parameter posterior distribution



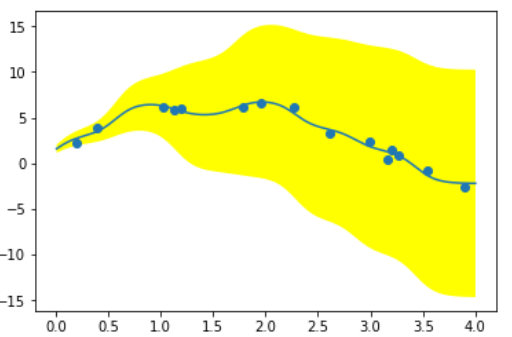
1-2 N=80 parameter posterior distribution



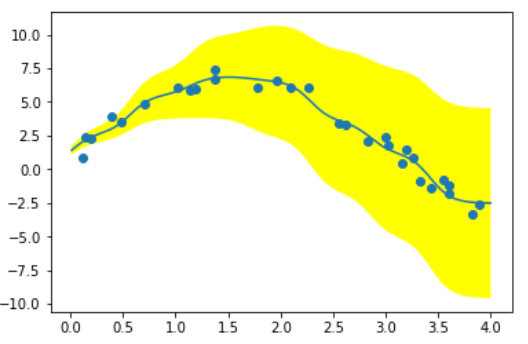
* 1. N=10 predictive distribution



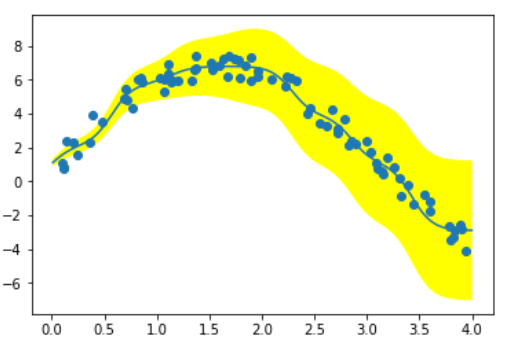
1-3 N= 15 predictive distribution



1-3 N= 30 predictive distribution

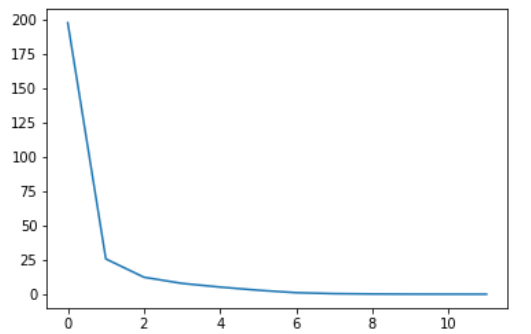


1-3 N= 80 predictive distribution

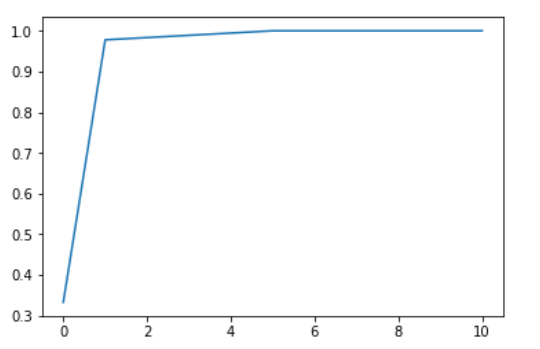


2-1

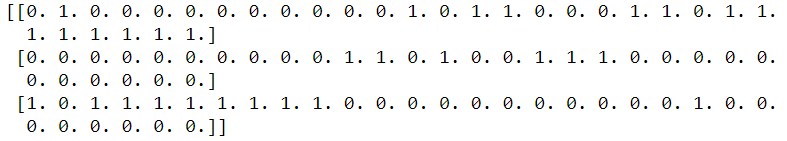
learning curve of E(w)



Accuracy



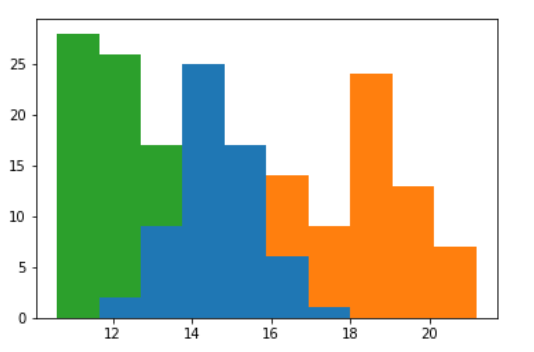
2-2 classification result



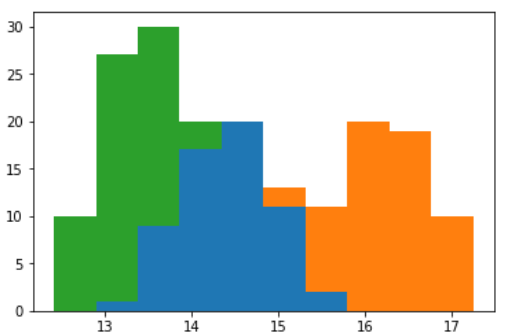
第一個list為1代表該筆資料被分到class 1, 第二list為1代表該筆資料被分到class 2, 第三個list為1代表該筆資料被分到class 3

2-3

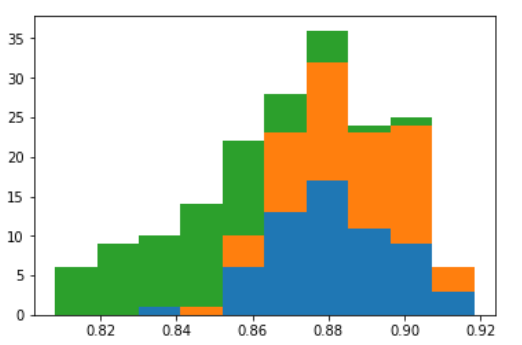
Dimension 0



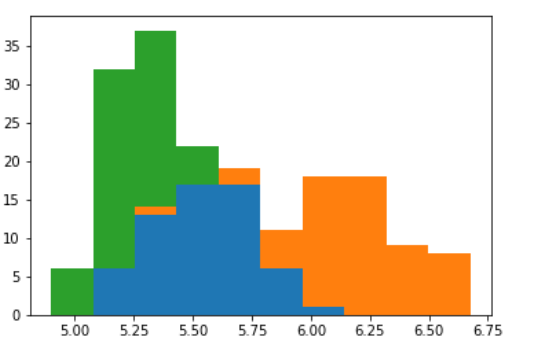
Dimension 1



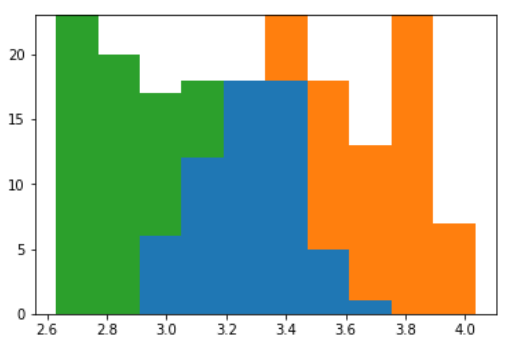
Dimension 2



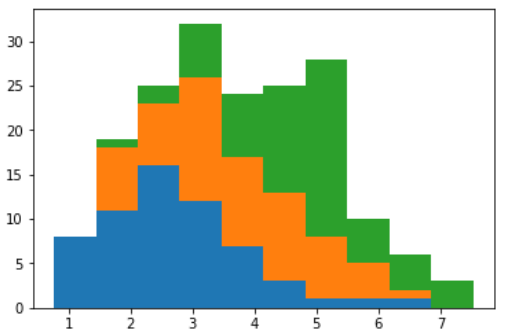
Dimension 3



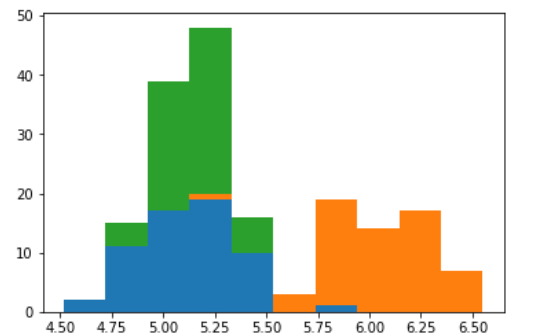
Dimension 4



Dimension 5



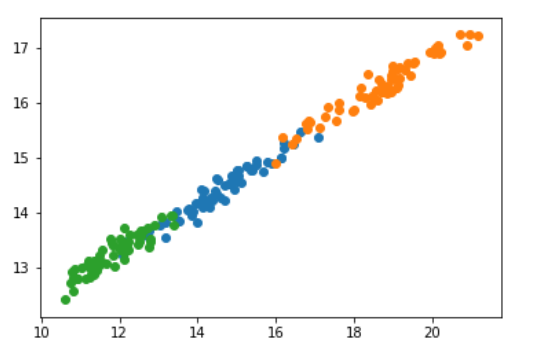
Dimension 6



2-4

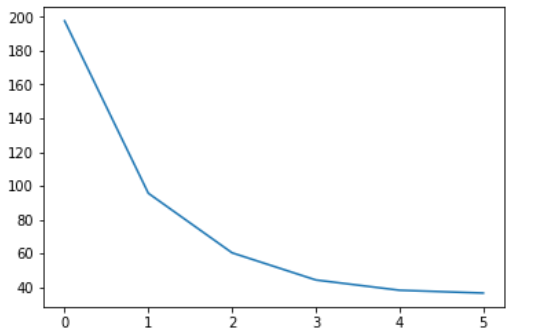
判斷Hessian矩陣是否為正定矩陣，如果不是正定矩陣會收斂到鞍點，而此模型的Hessian矩陣是正定的所以誤差函數的是一個凸函數，有唯一最小值

2-5

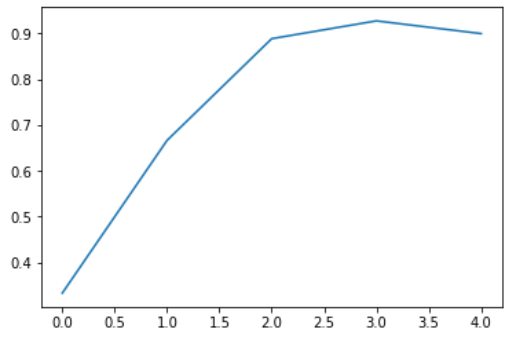


2-6

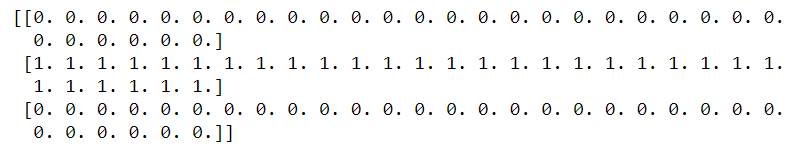
learning curve of E(w)



Accuracy



classification result



第一個list為1代表該筆資料被分到class 1, 第二list為1代表該筆資料被分到class 2, 第三個list為1代表該筆資料被分到class 3